

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/525,610
Source: PCF
Date Processed by STIC: 6/6/06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 06/06/2006

PATENT APPLICATION: US/10/525,610

TIME: 11:00:38

Input Set : A:\W110720010.ST25.txt

Output Set: N:\CRF4\06062006\J525610.raw

for

3 <110> APPLICANT: Williams, Kevin J.

5 <120> TITLE OF INVENTION: Thrombospondin Fragments and Uses Thereof In Clinical Assays

6 Cancer and Generation of Antibodies and Other Binding Agents

8 <130> FILE REFERENCE: W1107-20010

10 <140> CURRENT APPLICATION NUMBER: 10/525,610

C--> 11 <141> **CURRENT FILING DATE: 2005-02-23**

13 <160> NUMBER OF SEQ ID NOS: 64

15 <170> SOFTWARE: PatentIn version 3.3

17 <210> SEQ ID NO: 1

18 <211> LENGTH: 6

19 <212> TYPE: PRT

20 <213> ORGANISM: Artificial

22 <220> FEATURE:

23 <223> OTHER INFORMATION: Thrombospondin Region

25 <400> SEQUENCE: 1

27 Thr Glu Glu Asn Lys Glu

28 1 5

31 <210> SEQ ID NO: 2

32 <211> LENGTH: 15

33 <212> TYPE: PRT

34 <213> ORGANISM: Artificial

36 <220> FEATURE:

37 <223> OTHER INFORMATION: thrombospondin Region which includes an N-terminal CYS added

to

38 aid conjugation

40 <400> SEQUENCE: 2

42 Cys Leu Gln Asp Ser Ile Arg Lys Val Thr Glu Glu Asn Lys Glu

43 1 5 10 15

46 <210> SEQ ID NO: 3

47 <211> LENGTH: 14

48 <212> TYPE: PRT

49 <213> ORGANISM: Artificial

51 <220> FEATURE:

52 <223> OTHER INFORMATION: Thrombospondin Region

54 <400> SEQUENCE: 3

56 Leu Gln Asp Ser Ile Arg Lys Val Thr Glu Glu Asn Lys Glu

57 1 5 10

60 <210> SEQ ID NO: 4

61 <211> LENGTH: 6

62 <212> TYPE: PRT

63 <213> ORGANISM: Artificial

65 <220> FEATURE:

66 <223> OTHER INFORMATION: Thmbospondin Region

68 <400> SEQUENCE: 4

RAW SEQUENCE LISTING

DATE: 06/06/2006

PATENT APPLICATION: US/10/525,610

TIME: 11:00:38

Input Set : A:\W110720010.ST25.txt

Output Set: N:\CRF4\06062006\J525610.raw

```

70 Glu Gly Glu Ala Arg Glu
71 1          5
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 14
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Thrombospondin Region
82 <400> SEQUENCE: 5
84 Pro Gln Met Asn Gly Lys Pro Cys Glu Gly Glu Ala Arg Glu
85 1          5          10
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 6
90 <212> TYPE: PRT
91 <213> ORGANISM: Artificial
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Thrombospondin Region
96 <400> SEQUENCE: 6
98 Glu Asp Thr Asp Leu Asp
99 1          5
102 <210> SEQ ID NO: 7
103 <211> LENGTH: 15
104 <212> TYPE: PRT
105 <213> ORGANISM: Artificial
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Thrombospondin
110 <400> SEQUENCE: 7
112 Tyr Ala Gly Asn Gly Ile Ile Cys Gly Glu Asp Thr Asp Leu Asp
113 1          5          10          15
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 18
118 <212> TYPE: PRT
119 <213> ORGANISM: Artificial
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Thrombospondin Region
124 <400> SEQUENCE: 8
126 Cys Asn Ser Pro Ser Pro Gln Met Asn Gly Lys Pro Cys Glu Gly Glu
127 1          5          10          15
130 Ala Arg
134 <210> SEQ ID NO: 9
135 <211> LENGTH: 17
136 <212> TYPE: PRT
137 <213> ORGANISM: Artificial
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Thrombospondin Region
142 <400> SEQUENCE: 9
144 Arg Lys Val Thr Glu Glu Asn Lys Glu Leu Ala Asn Glu Leu Arg Arg
145 1          5          10          15
148 Pro

```

RAW SEQUENCE LISTING

DATE: 06/06/2006

PATENT APPLICATION: US/10/525,610

TIME: 11:00:38

Input Set : A:\W110720010.ST25.txt

Output Set: N:\CRF4\06062006\J525610.raw

to

152 <210> SEQ ID NO: 10
 153 <211> LENGTH: 18
 154 <212> TYPE: PRT
 155 <213> ORGANISM: Artificial
 157 <220> FEATURE:
 158 <223> OTHER INFORMATION: Thrombospondin Region which includes an N-terminal CYS added
 159 aid conjugation
 161 <400> SEQUENCE: 10
 163 Cys Arg Lys Val Thr Glu Glu Asn Lys Glu Leu Ala Asn Glu Leu Arg
 164 1 5 10 15
 167 Arg Pro
 171 <210> SEQ ID NO: 11
 172 <211> LENGTH: 13
 173 <212> TYPE: PRT
 174 <213> ORGANISM: Artificial
 176 <220> FEATURE:
 177 <223> OTHER INFORMATION: Thrombospondin Region
 179 <400> SEQUENCE: 11
 181 Pro Gln Met Asn Gly Lys Pro Cys Glu Gly Glu Ala Arg
 182 1 5 10
 185 <210> SEQ ID NO: 12
 186 <211> LENGTH: 6
 187 <212> TYPE: PRT
 188 <213> ORGANISM: Artificial
 190 <220> FEATURE:
 191 <223> OTHER INFORMATION: Thrombospondin Region
 193 <400> SEQUENCE: 12
 195 Cys Glu Gly Glu Ala Arg
 196 1 5
 199 <210> SEQ ID NO: 13
 200 <211> LENGTH: 9
 201 <212> TYPE: PRT
 202 <213> ORGANISM: Artificial
 204 <220> FEATURE:
 205 <223> OTHER INFORMATION: Thrombospondin Region
 207 <400> SEQUENCE: 13
 209 Arg Lys Val Thr Glu Glu Asn Lys Glu
 210 1 5
 213 <210> SEQ ID NO: 14
 214 <211> LENGTH: 15
 215 <212> TYPE: PRT
 216 <213> ORGANISM: Artificial
 218 <220> FEATURE:
 219 <223> OTHER INFORMATION: Thrombospondin Region
 221 <400> SEQUENCE: 14
 223 Asp Asp Asp Asp Asn Asp Lys Ile Pro Asp Asp Arg Asp Asn Cys
 224 1 5 10 15
 227 <210> SEQ ID NO: 15
 228 <211> LENGTH: 15

RAW SEQUENCE LISTING

DATE: 06/06/2006

PATENT APPLICATION: US/10/525,610

TIME: 11:00:38

Input Set : A:\W110720010.ST25.txt

Output Set: N:\CRF4\06062006\J525610.raw

229 <212> TYPE: PRT
 230 <213> ORGANISM: Artificial
 232 <220> FEATURE:
 233 <223> OTHER INFORMATION: Thrombospondin Region additional NH2 Group
 235 <400> SEQUENCE: 15
 237 Asp Asp Asp Asp Asn Asp Lys Ile Pro Asp Asp Arg Asp Asn Cys
 238 1 5 10 15
 241 <210> SEQ ID NO: 16
 242 <211> LENGTH: 7
 243 <212> TYPE: PRT
 244 <213> ORGANISM: Artificial
 246 <220> FEATURE:
 247 <223> OTHER INFORMATION: Thrombospondin Region
 249 <400> SEQUENCE: 16
 251 Asp Asp Asp Asp Asn Asp Lys
 252 1 5
 255 <210> SEQ ID NO: 17
 256 <211> LENGTH: 14
 257 <212> TYPE: PRT
 258 <213> ORGANISM: Artificial
 260 <220> FEATURE:
 261 <223> OTHER INFORMATION: Thrombospondin Region
 263 <400> SEQUENCE: 17
 265 Asn Leu Pro Asn Ser Gly Gln Glu Asp Tyr Asp Lys Asp Gly
 266 1 5 10
 269 <210> SEQ ID NO: 18
 270 <211> LENGTH: 15
 271 <212> TYPE: PRT
 272 <213> ORGANISM: Artificial
 274 <220> FEATURE:
 275 <223> OTHER INFORMATION: Thrombospondin Region plus N-terminal CYS to aid conjugation
 277 <400> SEQUENCE: 18
 279 Cys Asn Leu Pro Asn Ser Gly Gln Glu Asp Tyr Asp Lys Asp Gly
 280 1 5 10 15
 283 <210> SEQ ID NO: 19
 284 <211> LENGTH: 6
 285 <212> TYPE: PRT
 286 <213> ORGANISM: Artificial
 288 <220> FEATURE:
 289 <223> OTHER INFORMATION: thrombospondin Region
 291 <400> SEQUENCE: 19
 293 Glu Asp Tyr Asp Lys Asp
 294 1 5
 297 <210> SEQ ID NO: 20
 298 <211> LENGTH: 19
 299 <212> TYPE: PRT
 300 <213> ORGANISM: Artificial
 302 <220> FEATURE:
 303 <223> OTHER INFORMATION: Thrombospondin Region

RAW SEQUENCE LISTING

DATE: 06/06/2006

PATENT APPLICATION: US/10/525,610

TIME: 11:00:38

Input Set : A:\W110720010.ST25.txt

Output Set: N:\CRF4\06062006\J525610.raw

```

305 <400> SEQUENCE: 20
307 Cys Pro Tyr Asn His Asn Pro Asp Gln Ala Asp Thr Asp Asn Asn Gly
308 1          5          10          15
311 Glu Gly Asp
315 <210> SEQ ID NO: 21
316 <211> LENGTH: 15
317 <212> TYPE: PRT
318 <213> ORGANISM: Artificial
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Thrombospondin Region
323 <400> SEQUENCE: 21
325 Cys Arg Leu Val Pro Asn Pro Asp Gln Lys Asp Ser Asp Gly Asp
326 1          5          10          15
329 <210> SEQ ID NO: 22
330 <211> LENGTH: 8
331 <212> TYPE: PRT
332 <213> ORGANISM: Artificial
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Thrombospondin region
337 <400> SEQUENCE: 22
339 Asp Gln Lys Asp Ser Asp Gly Asp
340 1          5
343 <210> SEQ ID NO: 23
344 <211> LENGTH: 20
345 <212> TYPE: PRT
346 <213> ORGANISM: Artificial
348 <220> FEATURE:
349 <223> OTHER INFORMATION: Thrombospondin Region
351 <400> SEQUENCE: 23
353 Cys Pro Tyr Val Pro Asn Ala Asn Gln Ala Asp His Asp Lys Asp Gly
354 1          5          10          15
357 Lys Gly Asp Ala
358          20
361 <210> SEQ ID NO: 24
362 <211> LENGTH: 6
363 <212> TYPE: PRT
364 <213> ORGANISM: Artificial
366 <220> FEATURE:
367 <223> OTHER INFORMATION: thrombospondin Region
369 <400> SEQUENCE: 24
371 Thr Glu Arg Asp Asp Asp
372 1          5
375 <210> SEQ ID NO: 25
376 <211> LENGTH: 15
377 <212> TYPE: PRT
378 <213> ORGANISM: Artificial
380 <220> FEATURE:
381 <223> OTHER INFORMATION: Thrombospondin Region
383 <400> SEQUENCE: 25

```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/06/2006
PATENT APPLICATION: US/10/525,610 TIME: 11:00:39

Input Set : A:\W110720010.ST25.txt
Output Set: N:\CRF4\06062006\J525610.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27

Seq#:28,29,30,31,32,33,34,35,36,37,39,40,41,42,43,44,45,46,47,48,49,50,51,52

Seq#:53,54,55,56,57,58,59,60,61,62,63,64

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/525,610

DATE: 06/06/2006

TIME: 11:00:39

Input Set : A:\W110720010.ST25.txt

Output Set: N:\CRF4\06062006\J525610.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date